



FINAL REPORT 2004-2005



Manitoba Forestry Association
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Envirothon, a program of the Manitoba Forestry Association, is delivered in partnership with many other agencies and organizations.

FINAL REPORT

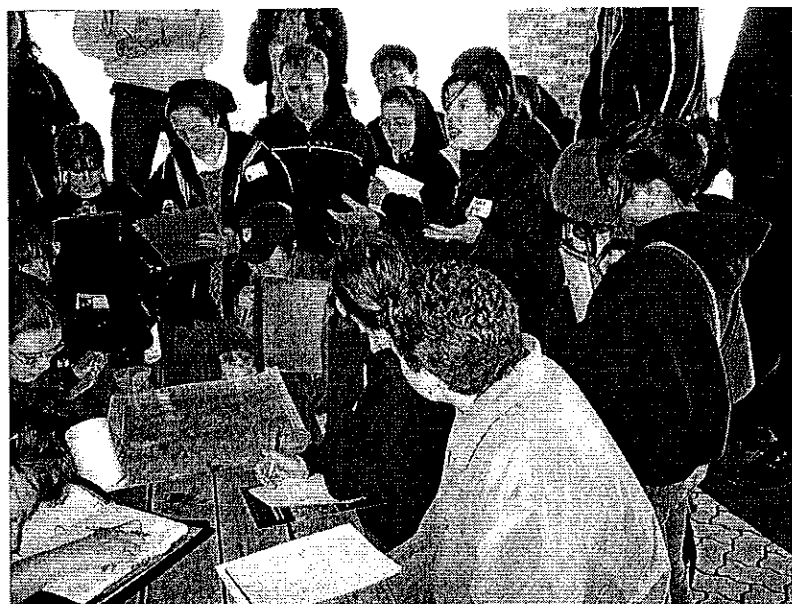
2004-2005

MANITOBA ENVIROTHON WORKSHOP

Friday, April 15th, 2005
Lower Fort Garry

8:30-9:15 a.m.	Registration
9:30-10:15 a.m.	(concurrent sessions in Theatre and Multi-Purpose Room)
	Welcome and history of Lower Fort Garry as a <i>Cultural Landscape</i> <u>Presenters:</u> Ken Green , Manager of Visitor Activities/Communication, Lower Fort Garry National Historic Site of Canada; and Robert Coutts , Historian and Acting Manager, Heritage Presentation Western Canada Service Centre, Parks Canada
10:15-10:30 a.m.	Break
10:30-11:15 a.m.	Forests Soil
11:15-11:30 a.m.	Break – snacks
11:30-12:15 p.m.	Aquatics Wildlife
12:15-12:30 p.m.	Teams regroup
12:30-1 p.m.	Lunch for group 1 – Test for group 2
1:15-1:45 p.m.	Lunch for group 2 – Test completion for group 1
1:45-2 p.m.	Break
2-2:45 p.m.	(concurrent sessions) Multi-Purpose Room: Motivational Presentation <u>Presenter:</u> Margo Wilson-Kehler Theatre: <i>Row to the Sea</i> <u>Presenter:</u> RoseAnna Schick

- 2:45-3 p.m. Break
- 3-3:45 p.m. Repeat of above presentations
- 3:45-4 p.m. Closing remarks & Departure



Information sessions/mock trail tests help prepare students for the Envirothon competition in May



ENVIROTHON COMPETITION

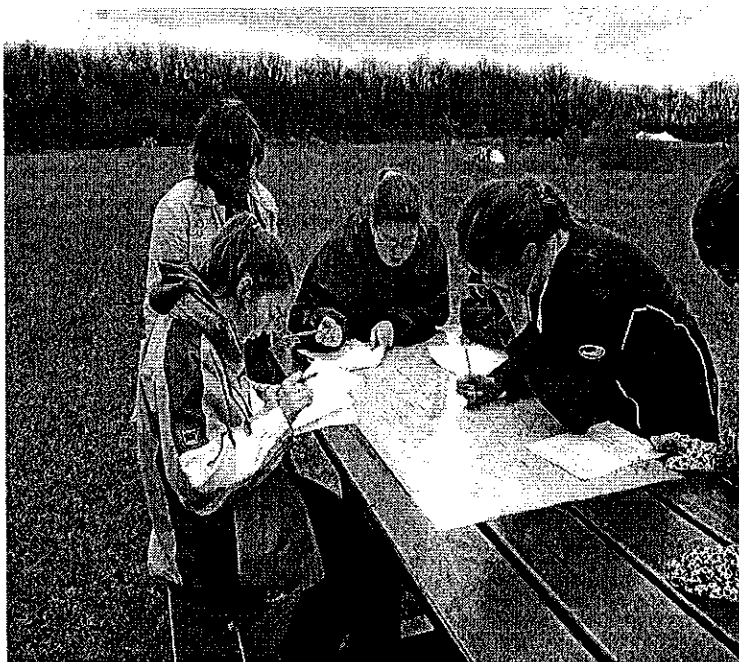
University of Manitoba
&
King's Park

May 12th, 13th and 14th, 2005

Schedule of Events

Thursday, May 12th

4:00-6:00 p.m	Registration, University of Manitoba
5:30-7:00 p.m.	Dinner
7:30 p.m.	Welcome and Introductions
	Master of Ceremonies: Jim Potton
	Special Guests & Welcome to University
	Team Introductions
	Socializing/Trading Session



Teams work as a group to problem solve

Friday, May 13th

7:00 – 8:00 a.m.	Breakfast
8 a.m.	Teams walk to test site at King's Park
8:30 a.m.	Briefing for Trail Guides (teachers) and students
9 a.m.	Teams are assigned to their Trail Guides
9:30 a.m.	Trail Testing begins
12:00 noon	Lunch on site
12:00 noon	2006 Canon Envirothon Kick Off Event

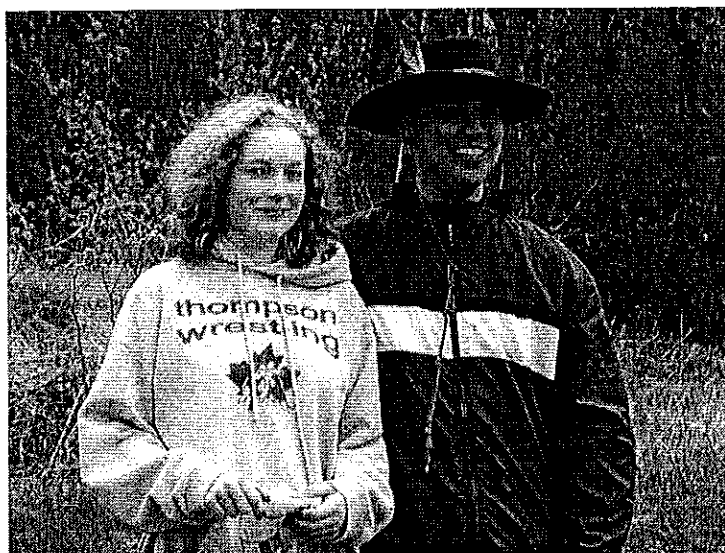


1:30 p.m. - Trail Testing resumes

4:45 p.m.	Teams return to University
5:30 p.m.	Barbecue at Pembina Hall
7:30 p.m.	Evening program at University Centre GUEST SPEAKERS: Larry Whitney Ed Ledohowski
8:30 – 11:00 p.m.	Recreation/Socializing

Saturday, May 14th

7:00 – 8 a.m..	Breakfast
8:30 a.m.	Instructions for Orals in Multi-Purpose Room, University Centre
9:00-11:30 a.m.	Team preparation for Orals in residence rooms
9:30 a.m.	Field Test Debriefing for teachers –
9:00 a.m.	Judges' orientation, St. John's College
12 noon	Judges' lunch in Daily Bread Café, St. John's College
11:30 a.m.	Collection of study materials from teams
11:30 – 12:30	Lunch for teams
1 p.m.	Preliminary Orals begin
4 p.m.	Final Orals
5:30 – 7 p.m.	Dinner and Awards



Friendships to be made

Competing Teams

Arthur Meighen High School, Portage la Prairie
Baker School, MacGregor
College Jeanne-Sauve, Winnipeg
Fairholme School, Portage la Prairie
Fort Richmond Collegiate, Winnipeg
Gimli High School Teams 1 & 2, Gimli
Glenway School, Dominion City
Helen Betty Osborne Ininiw Education Resource Centre,
Norway House
LaSalle-Redboine Conservation District, Portage la Prairie
Lord Selkirk Regional School, Selkirk
Maple Grove School, Lauder
Morris School, Morris
Neepawa & Area Collegiate Institute, Neepawa
Netley School, Petersfield
Northwest Soil Management Association, Swan River
Pembina Valley Conservation District – Nellie McClung Collegiate, Manitou
R. D. Parker Collegiate, Thompson
Selkirk Regional Secondary School, Selkirk
Shaftesbury High School, Winnipeg
Swan Valley Regional Secondary School Teams 1 & 2,
Swan River
Vincent Massey Collegiate Teams 1 & 2, Winnipeg
Vincent Massey High School, Brandon
Westwood Collegiate, Winnipeg
Windsor Park Collegiate, Winnipeg

ROOKIE TEAMS



**R. D. Parker Collegiate, Thompson
Top Rookie Team for 2005**

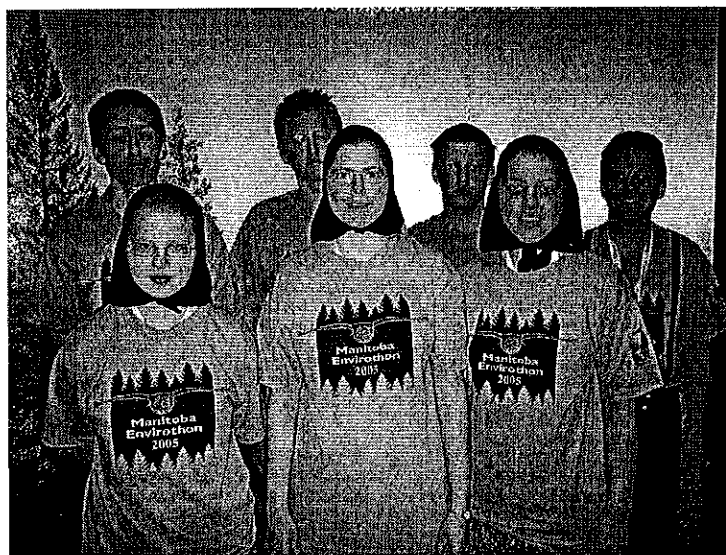


**Helen Betty Osborne Ininiw Education
Resource Centre, Norway House**

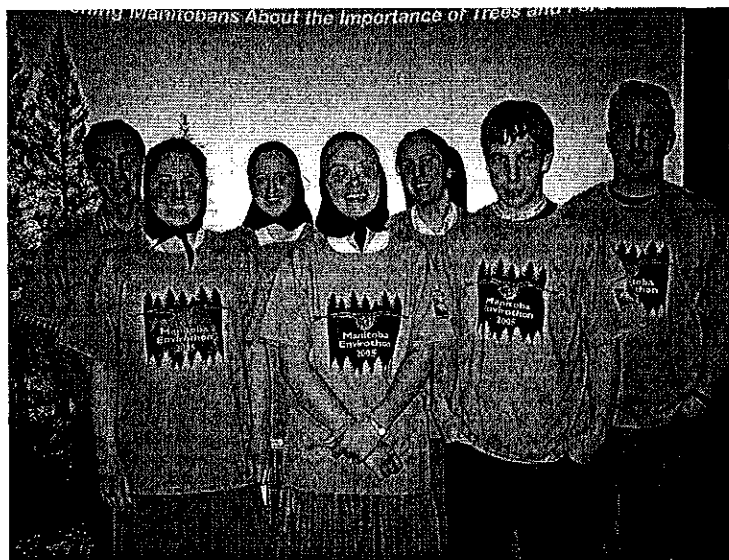


Westwood Collegiate, Winnipeg

ROOKIE TEAMS (continued)



**Maple Grove Team
Lauder**



**Netley School
Petersfield**

2005 Volunteers

Dr. Anne Adkins
 Bob Austman
 Byrnes Benoit
 Brendan Carruthers
 Bobby Currie
 Wayne Doyle
 John Dyck
 Brenna Frith
 Bob Gould
 Don Harron
 Steven Hills
 Mike James
 Alexis Knispel
 Shannon MacFarlane
 Alexandria Maendel
 Keith McGregor
 Mitchell Timmerman
 Michael Pierre
 Myrna & Jim Potton
 Ian Ripley
 Natalie Seaba
 John Shearer
 Adeline Sokulski
 Natalie Swayze
 Allen Tyrchiewicz
 Barry Waito

Avery Ascher
 Bill Baker
 Lise Boiteau
 Jacob Carson
 Sherry Dangerfield
 Lyn Dunford
 Susan Eros
 Agnes Fojt
 Loraine & Ron Gowanlock
 David Hay
 James Hood
 Laureen Janusz
 Denise Levesque
 Bev & Bob MacKenzie
 Alyson Maendel
 Rebecca McKay
 Barry Oswald
 Merrell-Ann Phare
 Kristian Puranen
 Brenda Robinson
 Allison Selinger
 Stuart Slattery
 Karin Statkewich
 Amanda Tetrault
 Eric Uhmman
 Christine Webb

Vicki Asu
 Dianne Beaven
 Tim Byers
 Lindy Clubb
 John Dojack
 Jake Dyck
 Gene Fortney
 Gil Godard
 Linda Harlos
 Loretta Humeniuk
 Duane Hudd
 Paul Kasper
 Jennifer Lidgett
 Maire McDermott
 Tamara Maendel
 Ted Nakamura
 Glenn Peterson
 Patricia Pohrebniuk
 Lisa Quinn
 Dr. Alex Salki
 Cathy Shaluk
 Murray Smith
 Andrea Swain
 Christine Tymchak
 Rachel Van Caeseles
 Rick Wishart



l-r: Glenn Peterson, David Hay, Laureen Janusz



Partners & Sponsors

Agriculture and Agri-Food Canada – PFRA
 Canadian Forestry Association
 Canadian Institute of Forestry -
 Manitoba Section
 Canadian Wildlife Service
 Canon USA
 Canon Canada
 Climate Change Connection
 Covering New Ground Manitoba
 Agricultural Sustainability Initiative
 DFS Consulting
 Environment Canada EcoAction
 Fisheries Enhancement Initiatives Fund
 LaSalle-Redboine Conservation District
 Louisiana-Pacific Canada Limited
 Manitoba Agriculture, Food and Rural
 Initiatives
 Manitoba Clean Environment Commission
 Manitoba Climate Change Action Fund
 Manitoba Conservation
 Manitoba Conservation Districts
 Manitoba Culture, Heritage and Tourism

Manitoba Education, Citizenship & Youth
 Manitoba Energy, Science and Technology -
 Community Connections
 Manitoba Hydro
 Manitoba Model Forest
 Manitoba Product Stewardship Corporation
 Manitoba Water Stewardship
 Monsanto Canada
 Myrna and Jim Potton
 Nature Conservancy of Canada
 Pembina Valley Conservation District
 Resource Conservation Manitoba
 School District of Mystery Lake
 Spectra Productions
 Spruce Products Limited
 St. John's College
 Tembec – Pine Falls Operation
 Tiger Hills Conservation District
 Tolko Industries Ltd.
 Tychniewicz Consulting
 University of Manitoba
 University of Winnipeg





Contributors

Agrium Inc.
Assiniboia Downs
Brandon University
Coalition To Save The Elms
Delta Waterfowl Foundation
Department of Fisheries and Oceans
Ducks Unlimited Canada
EMA Properties (MB) Ltd.
Fort Whyte Centre
Inland Aggregates Limited
Lafarge Canada Inc.
Living Prairie Museum
Louisiana-Pacific Canada
Manitoba Conservation – Forestry Branch
Manitoba Conservation – Fire Program
Manitoba Conservation – Parks Branch
Manitoba Conservation –
Pollution Prevention
Manitoba Conservation – Wildlife Branch
Manitoba Culture, Heritage & Citizenship
Manitoba Habitat Heritage Corporation
Manitoba Hydro

Manitoba Lotteries Corporation
Manitoba Model Forest
Manitoba Product Stewardship Corporation
Manitoba Public Insurance Corporation
Manitoba Water Stewardship – Fisheries Br.
Manitoba Water Stewardship – Water Resources
Manitoba Wildlife Federation
Marantz & Son Limited
Robert McLeod
Mohawk – Husky Oil
Oak Hammock Marsh Interpretive Centre
Pineland Forest Nursery
Prairie Theatre Exchange
Spruce Products Limited
Tembec – Pine Falls Operations
Tolko Industries Limited
Turtle Mountain Conservation District
Western Canada Aviation Museum
Whitemud Conservation District

We apologize for any contributors who may have been overlooked.



***Canon Envirothon 2006
Kick Off Event***



l-r: Justin Swandel, Councillor, City of Winnipeg; Hon. Anita Neville, Member of Parliament; Hon. Stan Struthers, Minister of Conservation; Eموke Szathmary, President, University of Manitoba; Ted Nakamura, President, Canon Canada; Jim Potton, Chair, Canon Envirothon 2006



Jim Potton (l) accepts cheque from Honourable Stan Struthers, Minister of Conservation in support of Canon Envirothon 2006

2005 WINNING TEAMS



**1st Place: Fairholme Colony School
Anna Maendel, Advisor**



**2nd Place: Swan Valley Regional Secondary School
Rick Wowchuk, Advisor**



3rd Place: Vincent Massey Collegiate, Winnipeg
Barbara Fuller, Advisor



4th Place: Vincent Massey High School, Brandon
Michael De Groot, Advisor

Evaluation

Each year, in an ongoing effort to improve the quality of Manitoba Envirothon the Steering Committee analyses the evaluation forms completed by the advisors, students and volunteers, and incorporates ideas and suggestions into planning for the following year.

During 2005 work continued on a book of *rules and procedures* which is available for teachers, students and volunteers. This continues to help clarify questions that seem to arise each year. Different issues continue to come forward, and the planning committee does its best to address each one in whatever way seems most appropriate.

The information binders received a complete review during the summer of 2004, were greatly reduced in size and based more on curriculum specific materials. These smaller binders were distributed to the teams as they registered, but later the test writing committee supplemented with additional materials they felt were essential to a successful trail test. Many teachers praised the smaller version of binders, and were concerned about receiving additional materials so late in the year. This situation will be re-assessed once again for 2006.

For the past number of years the same schools have participated, and in some cases sent two teams, but the percentage of **new teams** has not grown as was originally anticipated. Emphasis was placed on reaching high schools in other parts of the province during 2004/05, including the southeast and northwest. New teams registered were Westwood Collegiate, Winnipeg; R. D. Parker Collegiate, Thompson and Helen Betty Osborne Ininiw Education Resource Centre. There were three First Nations students and one Metis student participating during the 2005 event.

Some of the teachers indicated they would like to volunteer as team trail guides at the competition, so this was implemented in 2005, with great success. The teachers were able to experience the test trails with the teams. Now they have suggested they should also take the test, or at the very least have a copy of the test so they can follow along. The need for organizing teacher workshops at the 2005 event was eliminated because the teachers were otherwise occupied.

There is ongoing discussion about using posters or implementing some modification for the oral presentations in 2006. This would reduce the need for as many volunteer judges because of the pressure of finding so many volunteers for the Canon Envirothon happening during the summer of the same year.

There is always concern about the weather, particularly during trail testing. For the past two years Manitoba Envirothon has been scheduled for the second week in May because that is when the facilities have been available (Brandon University and University of Manitoba). This year, in particular, it was felt to be very important to use the University of Manitoba as the main site since it will host the Canon Envirothon 2006. There were several areas where additional attention will be required to ensure everything goes smoothly. The 2006 Manitoba Envirothon will be held at the International Peace Garden the last week in May.

In an effort to provide more time for socializing, there was time allocated on Thursday evening for a trading session and free time, as well as Friday evening when the teams were given a couple hours to socialize without any organized activities. Still there were suggestions on the evaluation forms that more socializing time would be appreciated.

The pre-competition workshop was held in April at Lower Fort Garry. As in the past, there was not enough time allowed for hands-on activities, and this will definitely need to be addressed in 2006. A short version of a "trail test" was organized. The suggestion to expand the workshop into two days has been rejected due to the added expense and the additional work that would be required by volunteers.

Sufficient funds must be found each year to operate the program, and the cost has been increasing as the number of teams has grown. Many of the same sponsors provide funds each year, but the rest of the \$ 50,000+ budget must be raised on an annual basis. Five government departments have been providing at least \$ 3,000 each towards Envirothon and this has been a significant help in meeting our annual budget. However, the costs during 2005 were very high, due to expenses at the University of Manitoba, and the program will be in a deficit position.

John Sinclair, Natural Resource Institute, University of Manitoba and a member of the Envirothon steering committee proceeded with plans to have one of his students, Lisa Quinn undertake a survey among former participants. This is completed and, although the survey numbers were small, provides interesting information on the Envirothon program. Ms. Quinn recommended a second study with more teachers and students involved. Attempts are being made to contact previous participants, and to ensure contact with current participants. However, when forms were distributed at the competition, asking for contact information from students, there were concerns expressed about confidentiality.

By 2006 our objective is to have a very viable provincial program with at least 30 teams participating, and core funding in place on an annual basis. It is particularly important the provincial program is maintained at a high level of success because of the commitment being made to deliver the 2006 Canon Envirothon and the work that will entail by many of the same volunteers.

Comments from Advisors:

"Shorter speeches on first night. Limit time per person as students quickly lose focus."

"Volume of student materials decreased – the removal of duplicate material helped focus the students' attention to key concepts. The supplementary material came too late and was too much, esp. soils. The binders were much better this year but still need a bit of clear focus."

Comments from Volunteers:

"During volunteer/judge orientation there was a detailed discussion on the 'right' answer. This was not appropriate. It would have been beneficial to know what we might hear in the answers."

It think that some judges left with the impression that there would be a right and wrong answer. There should have been a reference to 'how to impress the judges with your presentation' so that we were evaluating what the students were preparing for'."

"The judges need to value the students' level of understanding and NOT the judges' level. The secondary objective is to encourage students. Judges of oral presentations should leave their technical expertise at home. It would be nice to stay away from these issues."

"The oral component should have the same mark value as the field test."

General Comments from Advisors/Volunteers:

"Thanks for the great time -- my students had fun and learned a TON of stuff."

"Just wanted to drop you a line to let you know of the awesome job you guys did at Envirothon. I found it to be extremely well organized, and a great deal of fun for both the participants and the judges/trail attendants. Thank you for letting me be a part of this great event."

"The Envirothon has let us make our school classes and programs become more ecologically focused than they used to be."

"This (the orals) teaches the students to look at the big picture and work on a comprehensive plan. Orals are the real world equivalent to the place where you get things done in the boardroom."

"Communication is one of the most critical aspects for today's youth to learn and this activity (the orals) is part of it. Also they need to know how to manage time."

"The organization was phenomenal. The expertise of all those involved in so many capacities overwhelms me. The rooms are 'full' of clever leaders, students and role models."

Comments from Students:

Re: binders -- "they were very comprehensive and very detailed, easy to read and understand; straight forward, clear and very well organized; provide all material earlier; no supplementary materials after January."

Re: test -- "don't make all grade 12 questions. Give younger students a chance."

"GOOD ENVIROTHON!!! It has been fabulous to participate in Envirothon. I have attended the last 3 years and must say it has been a valuable part of my high school program. Thank you for this opportunity... It was something new and exciting to try....Envirothon is a great experience. Thank you for so much..."

Financial Summary

September 2004 to June 2005

Income

Canadian Institute of Forestry – Manitoba Section	200.00
Canon USA	1,543.88
Canon Canada	500.00
Covering New Ground	3,500.00
Louisiana Pacific Canada	1,000.00
Environment Canada EcoAction	7,000.00
Manitoba Education, Citizenship & Youth	3,000.00
Manitoba Energy, Science and Technology	3,000.00
Manitoba Hydro	5,000.00
Manitoba Model Forest	4,000.00
Manitoba Product Stewardship Corporation	1,000.00
Manitoba Water Stewardship – Fisheries Enhancement Fund	9,880.00
Tembec – Pine Falls Operations	500.00
Tolko Industries Ltd.	500.00
Pre-Competition Workshop Registrations	1,640.00
School Registrations	10,100.00
TOTAL INCOME:	\$ 52,363.88

Expenses

Canon Membership/Registration	240.94
International Competition Fees	1,600.00
Travel Assistance to 1 st Place Team	2,000.00
Binder costs	1,586.18
Workshop costs, including honorariums	4,250.27
Competition Food, Rooms & Accommodations (U of M)	34,031.44
Competition Food, Rooms (St. John's College)	1,737.27
Team & Volunteer T-Shirts, Medals	3,089.28
St. John's Ambulance	300.00
Portable toilets	304.95
Materials/supplies/postage (not including binders)	699.52
TOTAL DISBURSEMENTS	\$ 49,839.85

BALANCE (DEFICIT) \$ 2,524.03

In-Kind

Personnel	83,755.00
Materials/Awards/Prizes	5,000.00
Rooms at St. John's College	600.00
Equipment Rental & Miscellaneous	1,500.00
Office Costs (8 x \$200)	1,600.00
Personal Mileage	3,000.00
Transportation Costs	1,500.00
TOTAL:	\$ 96,955.00

Attachments: newspaper clippings

Report prepared June 8th, 2005 by: Dianne Beaven, with editing assistance by Jim Potton
Photo credits: Bill Baker



Volunteers from St. John's Ambulance

For further information on Envirothon:

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Website: www.mbforestryassoc.ca

Summary of Envirothon In-Kind Personnel Time for 2005

<u>Steering Committee Meetings:</u> 11 mtgs. X 15 people x 2 hours x \$ 35. =	11,550
<u>Orals Committee Meetings:</u> 4 mtgs. X 6 people x 2 hours x \$ 35. =	1,680
<u>Test Writing Committee:</u> 303 hours x \$ 35. =	10,605
<u>Glenn + other forestry branch:</u> 132 hours x \$ 35. =	4,620
<u>Workshop:</u> 16 hours x 32 people x \$ 35. =	17,920
<u>Competition:</u> 10 hours x 78 x \$ 35. =	27,300
<u>Teachers (Trail Guides):</u> 8 hours x 36 x \$ 35. =	<u>10,080</u>
<u>Total:</u>	\$ <u>83,755</u>